

To: Dermer, Michele[Dermer.Michele@epa.gov]
Cc: Chamberlain, Janel@DOC[Janel.Chamberlain@conservation.ca.gov]
From: Van Grinsven, Matthew@DOC
Sent: Wed 5/25/2016 8:23:11 PM
Subject: RE: Alon Refinery Injection Wells within the exempt aquifer

Michele,

The well is located at

Latitude

35.376914

Longitude

-119.070966

It is located 675 feet within the shaded boundary. Our records indicate that the injection zone is the Etchegoin/Chanac and notes that the well was shut-in on 3/4/2002.

Matthew Van Grinsven

Engineering Geologist-Aquifer Exemption Team

Department of Conservation

Division of Oil, Gas, and Geothermal Resources -Inland District

4800 Stockdale Hwy

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From: Dermer, Michele [mailto:Dermer.Michele@epa.gov]
Sent: Wednesday, May 25, 2016 12:12 PM
To: Van Grinsven, Matthew@DOC <Matthew.VanGrinsven@conservation.ca.gov>
Cc: Chamberlain, Janel@DOC <Janel.Chamberlain@conservation.ca.gov>
Subject: FW: Alon Refinery Injection Wells within the exempt aquifer

Hi Matt,

I was thinking about this today and I recalled in the back of my mind there was another well at Alon. I looked it up, and my memory, although a week later, was correct. There is a well called Red Ribbon 7, API 029-08304. Do you have the location of this well?

Thanks, Michele

Michele Dermer

Drinking Water Protection Section

US EPA Region 9

(415) 972-3417

dermer.michele@epa.gov

From: Van Grinsven, Matthew@DOC [<mailto:Matthew.VanGrinsven@conservation.ca.gov>]
Sent: Monday, May 16, 2016 7:45 AM
To: Dermer, Michele <Dermer.Michele@epa.gov>
Cc: Chamberlain, Janel@DOC <Janel.Chamberlain@conservation.ca.gov>; Okoroike, Simeon@DOC <Simeon.Okoroike@conservation.ca.gov>; Salera, Jerry@DOC <Jerry.Salera@conservation.ca.gov>; Walker, Alan@DOC <Alan.Walker@conservation.ca.gov>; Bartling, Bill@DOC <Bill.Bartling@conservation.ca.gov>
Subject: RE: Alon Refinery Injection Wells within the exempt aquifer

Michele,

I have updated the maps showing refinery injection wells into the Santa Margarita Formation. All wells, for both the Alon and the San Joaquin Refineries, are within the exempted Santa Margarita Formation. In addition to your suggested comments, I have added an index map and more clearly labeled the Santa Margarita Injection wells.

Matthew Van Grinsven

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From: Dermer, Michele [<mailto:Dermer.Michele@epa.gov>]
Sent: Friday, May 13, 2016 11:19 AM
To: Van Grinsven, Matthew@DOC <Matthew.VanGrinsven@conservation.ca.gov>
Subject: RE: Alon Refinery Injection Wells within the exempt aquifer

Ok, will call later this pm. thanks

From: Van Grinsven, Matthew@DOC [<mailto:Matthew.VanGrinsven@conservation.ca.gov>]
Sent: Friday, May 13, 2016 10:57 AM
To: Dermer, Michele <Dermer.Michele@epa.gov>
Subject: RE: Alon Refinery Injection Wells within the exempt aquifer

I will be in the office until 5. I have a lunch appointment from 12 to 2.

Matthew Van Grinsven

Engineering Geologist-Aquifer Exemption Team

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From: Dermer, Michele [<mailto:Dermer.Michele@epa.gov>]

Sent: Friday, May 13, 2016 10:55 AM
To: Van Grinsven, Matthew@DOC <Matthew.VanGrinsven@conservation.ca.gov>
Subject: RE: Alon Refinery Injection Wells within the exempt aquifer

My morning has run away. What time are you in the office until?

From: Van Grinsven, Matthew@DOC [<mailto:Matthew.VanGrinsven@conservation.ca.gov>]
Sent: Thursday, May 12, 2016 4:43 PM
To: Dermer, Michele <Dermer.Michele@epa.gov>
Subject: RE: Alon Refinery Injection Wells within the exempt aquifer

Yes I will be in tomorrow.

Matthew Van Grinsven

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From: Dermer, Michele [<mailto:Dermer.Michele@epa.gov>]
Sent: Thursday, May 12, 2016 4:41 PM
To: Van Grinsven, Matthew@DOC <Matthew.VanGrinsven@conservation.ca.gov>

Subject: RE: Alon Refinery Injection Wells within the exempt aquifer

I have a few questions but leaving for the day. Are you in tomorrow?

From: Van Grinsven, Matthew@DOC [<mailto:Matthew.VanGrinsven@conservation.ca.gov>]

Sent: Thursday, May 12, 2016 4:39 PM

To: Dermer, Michele <Dermer.Michele@epa.gov>

Subject: RE: Alon Refinery Injection Wells within the exempt aquifer

The boundary marked is the existing exempt area.

Matthew Van Grinsven

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From: Dermer, Michele [<mailto:Dermer.Michele@epa.gov>]

Sent: Thursday, May 12, 2016 4:38 PM

To: Van Grinsven, Matthew@DOC <Matthew.VanGrinsven@conservation.ca.gov>

Subject: RE: Alon Refinery Injection Wells within the exempt aquifer

Thank you Matt - The boundary marked is the existing exemption or proposed?

From: Van Grinsven, Matthew@DOC [<mailto:Matthew.VanGrinsven@conservation.ca.gov>]
Sent: Thursday, May 12, 2016 4:22 PM
To: Dermer, Michele <Dermer.Michele@epa.gov>
Cc: Chamberlain, Janel@DOC <Janel.Chamberlain@conservation.ca.gov>; Bartling, Bill@DOC <Bill.Bartling@conservation.ca.gov>
Subject: Alon Refinery Injection Wells within the exempt aquifer

Michele,

As per our phone conversation last week, I have attached two maps which show that the Alon Injection wells are within the exempt Santa Margarita Aquifer by more than 525 feet.

Feel free to contact me if you need any further clarification.

Matthew Van Grinsven

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